

Medications: Acetylsalicylic Acid, Atenolol, Docusate Sedium, Zocor, Estrogen, Provera, Oxazepam, Kenral, Quinine Sulphate, Nitrodur Patch, Metformin and Glyburide

assess the carotid arteries.

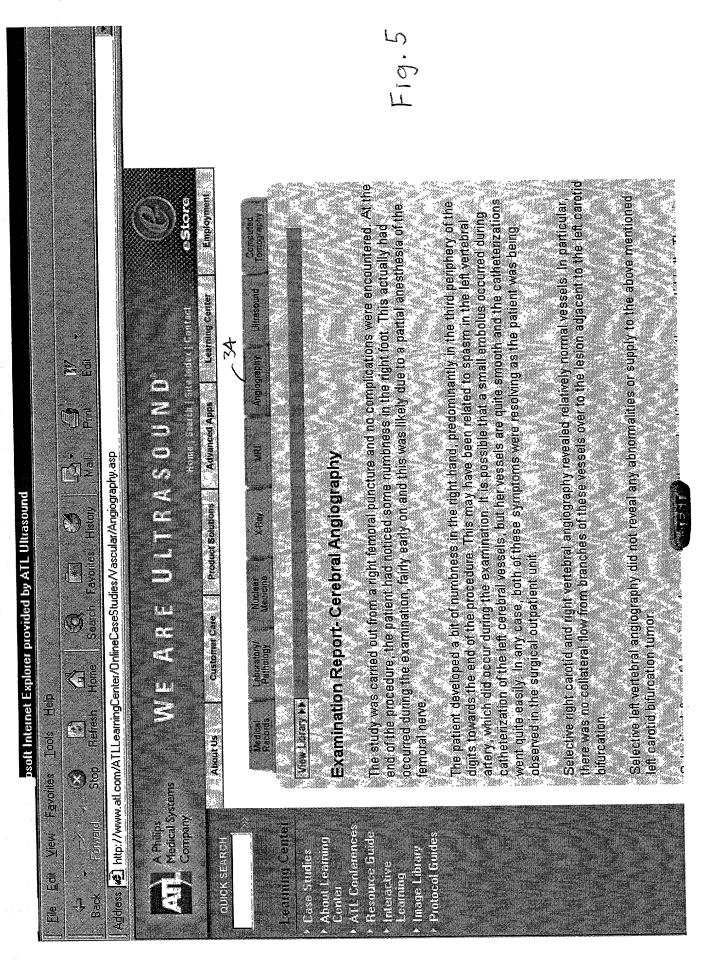


Fig. 6 Employment Gross. The specimen is submitted in a single container and consists of a fleshy burgundy colored portion of tissue measuring up to 4.5 x 1.1 x 0.8 cm. Tissue weighs 1.0 gm. On sectioning, a firm kidney-bean shaped area is present measuring 1.1 x 0.7 cm. The cut surface is tanifed in color. Wicroscopic. Sections show a well circumscribed encapsulated lesion surrounded by fibrovascular stroma. The lesion appears to be completely excised. lt consists predominantly of cords of cells in a markedly vascular stroma. The cells have oval to irregular nuclei with finely granular chromatin and small nuclei. Zellballen pattern is focally evident. - Ultrasound Product Solutions Advanced Apps Learning Center Home (search | Site Index | Contable Result Reference Range: Urinalysis Results WE ARE ULTRASOUND DIAGNOSIS: CAROTID BODY TUMOR IPARAGANGLIOMA #diess 🚅 http://www.atl.com/ATLLearningCenter/OnlineCaseStudies/Vascular/pathandlab.asp Blood and Urinalysis Laboratory Results Search Favorites History Pathology Report of Left Neck Mass Customer Care Result Reference Range. Pathology Report , 🚷 🜓 🕰 Stop Refresh Home 367 Blood Results Look Help View Library ▶▶ About Us A Philips
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tumors are small and easily removed because they are not well adhered to the carotid vessels." Group I tumors are moderately larger with more difficult surgical excisions due to more extensive attachments. Group Ill tumors are very large and completely involve both the ICA and ECA. Complete arterial resection and grafting is often necessary.

CBTs are slow growing benign tumors that may be familial (autosomal dominant) or idiopathic. CBTs are usually unilateral but can also be bilateral with a 5% incidence for sporadic tumors and a

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F19,8 Employment The vascular area demonstrated with the angiogram at the left carotid bifurcation would most likely be fed by? The following test is multiple choice. Select the answerfor each question by clicking on the button preceding your choice. A passing score is 70% correct answers. Advanced Apps Learning Center A caretid body tumor can be identified with ultrasound as The carolid body tumor is typically located between the: Homes South Tales Index on the C external carotid and common carotid arteries Cexternal carotid and internal carotid arteries. C Branches off the Internal carotid artery C Branches off the external carotid artery ULTRASOUND Branches off the thyrocemical artery M E Tvertebral and subclavian arteries C Branches off the vertebral artery Cearotid and subclawan arteries . Se Customer Care Product Solutions ब्युवास्त्रः 🕰 http://www.atl.com/ATLLearningCenter/OnlineCaseStudies/Vascular/test.asp X-Ray Search Favorites 3 8 7 3 W Question Question 倒 Edit View Favorites Tools Help Stop Refresh About Us A Philips Medical Systems Company Back Ferward earming Center Tessnaties Edities Strong Continues TOTAL STREET sellonic exe Integree Library

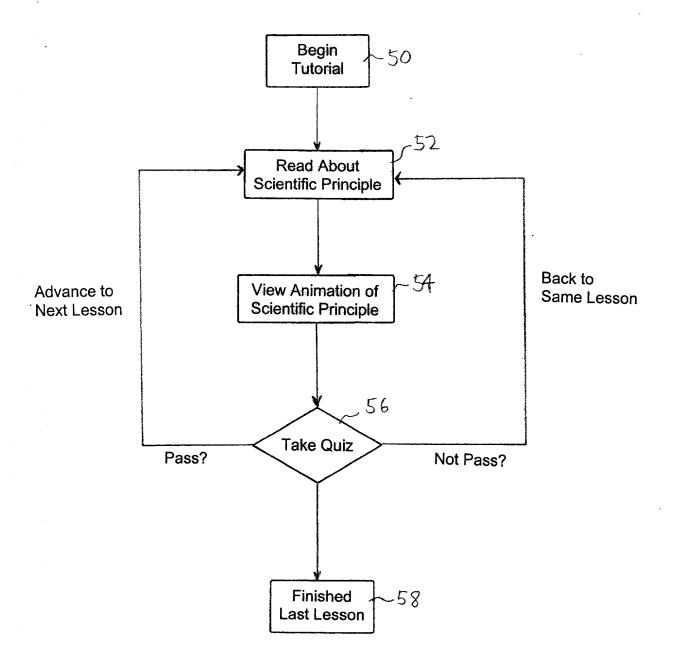


Fig. 9

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OBJECTIVES OUTLINE SEARCH GLOSSARY TEST

YOUR

Doppler in Ultrasound Applications You have until September 12, 2001 to pass the textures for this module before it expires.

LEARNING OBJECTIVES

A concise overview of the current module.

OLITIME/STUDY CONTENT

Displays a listing of the topics. Please review all of these topics before taking the assessment test.

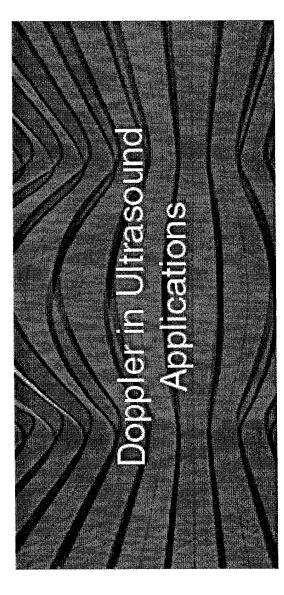
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Search by keyword or phrase.

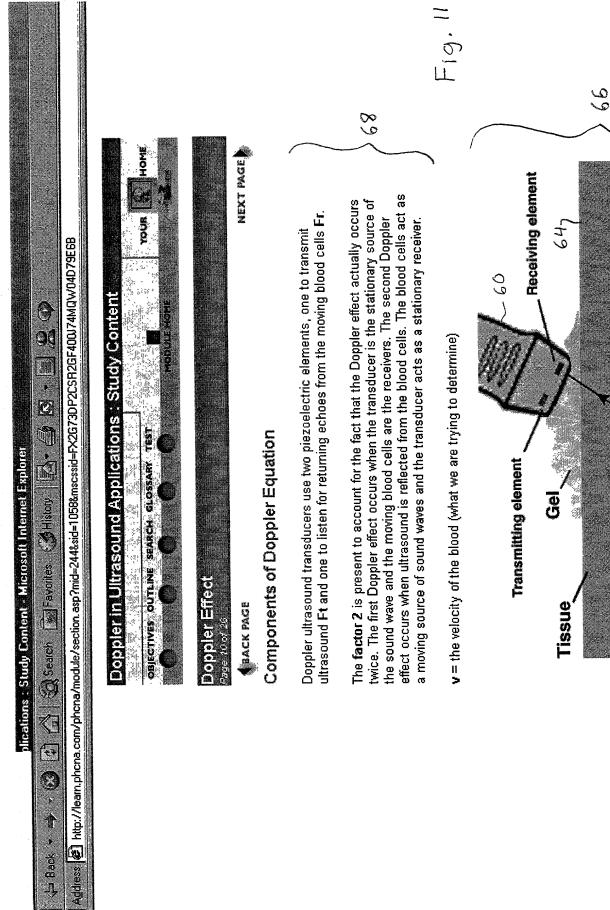
Vocabulary for the current module.

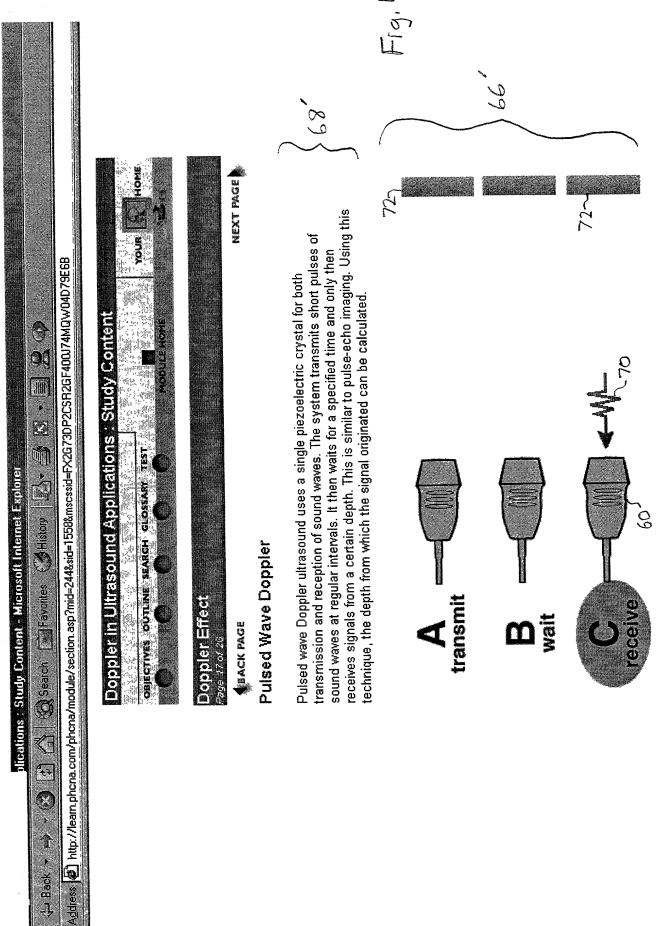
POSESSMENT PEST

sections in this module, click Once you have studied all here to take the test.



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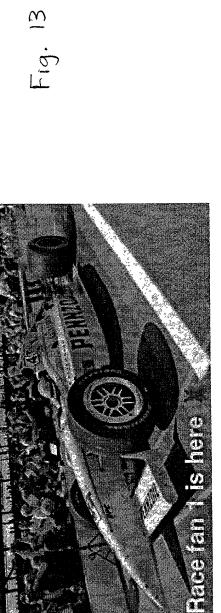




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NEXT PAGE Doppler in Ultrasound Applications : Study Content OBJECTIVES OUTLINE SEARCH GLOSSARY TEST Magnitude of Doppler Shift Doppler Effect LEACK PAGE









Analysis of Doppler Signal

BACK PAGE

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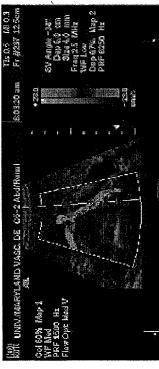
Maximum Velocity Measurements

many velocities are displayed in the spectrum and these velocities vary with time, due velocities. This is because the angle between the Doppler beam and the blood vessel can be estimated. Analysis of the components of the Doppler waveform shows that The Doppler equation can be used in duplex imaging to convert frequencies into to the cardiac cycle.

also be measured at end diastole. These velocity measurements represent the fastest moving blood flow in the center of the vessel and do not include the slower moving flow This is the maximum velocity in the spectrum at peak systole. Maximum velocity can The value most commonly used for the measurement of velocity is peak systolic flow. near the vessel wall.



Frg. 14



into the highlighted Drag the red dot area and drop it